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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/649,903 | 08/28/2000 | Stefan O. Dick | P-1000 | 7709 |

7590 11/05/2002

Scott R Cox
Lynch Cox Gilman & Mahan PSC
Suite 2200
400 West Market
Louisville, KY 40202

EXAMINER

MOHANDESI, JILA M

ART UNIT

PAPER NUMBER

3728

DATE MAILED: 11/05/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N .

09/649,903

Applicant(s)

BOUVIER ET AL.

Examiner

Jila M Mohandesi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 August 2002 .
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) 18-21 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____ .

DETAILED ACTION

Election/Restrictions

1. Claims 18-21 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in Paper No. 4. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pakeriasamy `573 in view of Lancesseur (5,432,214). Pakeriasamy `573 discloses a packaging container for integrated circuits comprising a tray (11a) for holding integrated circuits, and a tray cover (11b), wherein the composition of the tray comprises a plastic material treated or coated with an appropriate additive so as to render it anti-static or static dissipative to avoid damage to the integrated circuits caused by electrostatic discharge. Pakeriasamy `573 does not appear to disclose the tray cover having a moisture-absorbent composition material. Lancesseur `214 discloses a packaging container for packaging goods that are sensitive to moisture, where the composition of the packaging material is a dehydrating plastics (polypropylene) material composition

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of high moisture-absorption capacity which is formed by injection, thermoforming, or blow molding. The dehydration agent/desiccating material can be silica gels and molecular sieves. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to make the tray cover composition of Pakeriasamy `573 from a dehydrating material as taught by Lancesseur `214 to adsorb moisture contained within the packaging container and therefore prevent damage to the integrated circuits due to moisture and humidity.

4. Claims 2-3 and 5-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pakeriasamy `573 as applied to claim 1 above, and further in view of Martin et al. (5,875,892). Pakeriasamy `573 as modified above discloses all the limitations of the claims except for having a humidity indicator device. Martin `892 discloses a packaging container for integrated circuits where the upper section of the packaging container has an opening (18) for receiving a humidity indicator device (20, 22). The humidity indicator device is secured to the packaging container by a clear, plastic, circular disk (24). See Figure 2 embodiment. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a humidity indicator device to the packaging container of Pakeriasamy `573 as taught by Martin `892 to visually control and disclose the humidity of the air within the container.

With regard to claims 6, 7, see column 3, lines 65-67 and column 4, lines 1-7 of Martin `892.

5. Claims 9-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over the above references as applied to claim 1 above, and further in view of Kitamura et al.

(5,295,297). Pakeriasamy `573 as modified above discloses all the limitations of the claims except for the packaging container further comprising a water and moisture-proof barrier bag into which the tray is secured. Kitamura `297 discloses a packaging container for integrated circuits comprising a water and moisture-proof barrier bag for moisture proofing the packaging container (see column 12, lines 36-49). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a water, moisture-proof barrier bag for the packaging container of Pakeriasamy `573 to better moisture-proof the packaging container and avoid damage to the integrated circuits caused by moisture.

With regard to claims 15 and 16, see column 3, lines 65-67 and column 4, lines 1-7 of Martin `892.

Response to Arguments

6. Applicant's arguments with respect to claims 1-17 have been considered but are moot in view of the new ground(s) of rejection.

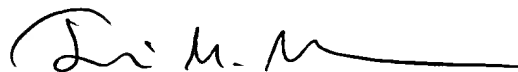
Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jila M. Mohandesi whose telephone number is 703-305-7015. The examiner can normally be reached on Monday-Friday 7:30-4:00 (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mickey Yu can be reached on 703-308-2672. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9302 for regular communications and 703-872-9303 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

A handwritten signature in black ink, appearing to read 'Jila M. Mohandesi', with a long horizontal flourish extending to the right.

Jila M. Mohandesi
Examiner
Art Unit 3728

JMM
November 1, 2002